R: REDACTED MATERIAL

Committee:
Little Chm.
Reimann
Lynch

#252

TOBACCO INDUSTRY RESEARCH COMMITTEE
150 East Forty Second Street
New York 17, N. Y.

Application for Research Grant

Date: September 1, 1959

1. Name of Investigator: Otakar J. Pollak, M.D., Ph.D.

2. Title: Executive Director

3. Institution & Address: Dover Medical Research Center, Inc., 9 Kings Highway, Dover, Delaware

4. Project or Subject: Effect of tobacco derivatives on arterial and myocardial tissue cultures.

5. Detailed Plan of Procedure:

To this date, but a single publication on human aortic and myocardial tissue cultures is available and but a single publication on cholesterol uptake by human aortic cultures. No references were found by us concerning tissue cultures of healthy or diseased heart or blood vessels of other species. No mention of tobacco derivatives with reference to cardiovascular tissue cultures was found by us in the literature.

Presently, we are engaged in culturing normal and diseased cardiovascular tissues from rabbits. These studies are to be expanded to tissues from other species, including human material obtained surgically.

We propose to study the influence of available tobacco derivatives -- in varying dose and in combinations -- upon the speed, quantity, and quality of cellular growth in cardiovascular tissue cultures. Continuation of the project trying to counteract adverse effects may be warranted. Obviously, this has to await results of the proposed study.

Cultures are to be observed under the microscope and phase microscope and the growth to be recorded by photography. Warburg cell metabolism studies are to be used supplementary to microscopic methods.

1003541733

6. Budget Plan:

Salaries - Ph.D.	REDACTED
Expendable Supplies - Media, glassware	2,400.--
Permanent Equipment - 0	0.--
Overhead - 10%	960.--
Other - Films, processing	600.--
Total	REDACTED

Source: https://www.industrydocuments.ucsf.edu/docs/smvm0000

7. Anticipated Duration of Work: 1 year (Continuation to depend upon results of first project. See last paragraph under 5, above.)

8. Facilities and Staff Available: The Dover Medical Research Center, Inc., is equipped for tissue cultures (incubators, centrifuges, homogenizer, water baths, microscope, phase microscope, microphotography, etc.), for study of cell metabolism (Warburg), for biochemistry, electrophoresis, chromatography, etc., (Spectrophotometer, pH meter, balances, chromatograph, electrophoresis, etc.)

O. J. Pollak, M.D., Ph.D. (author of over 130 publications -- half of which deal with atherosclerosis and related problems; pathologist) -- to direct all projects.

Hassan Rouhandeh, Ph.D. - engaged in tissue cultures and cell metabolism (started on June 1, 1959).

Tatsuo Kokubu, M.D., Ph.D. - engaged in tissue cultures in Osaka, Japan, (to start as Exchange-Visitor, January 1, 1960).

Araceli F. de Engel, Ph.D. - engaged in electrophoresis, chromatography, biochemistry of blood and blood vessel extracts (started June 1, 1959).

Donald L. Howie, M.D., (Associate Pathologist to Dr. Pollak;) - to start own project on January 1, 1960.

9. Additional Requirements: Will need aid in obtaining full line of tobacco derivatives.

10. Additional Information: The Dover Medical Research Center, Inc., is a non-profit organization incorporated in the State of Delaware, exempt from taxation and eligible to accept tax-free grants by the Department of Internal Revenue, approved for student-exchange visitors by the State Department.

At present, the CENTER is operating under research grants from the National Heart Institute (N.I.H.), the Delaware Heart Association, and a Pharmaceutic Firm. Applications for additional grants in aid of research have been made to the American Heart Association, Life Insurance Research Fund, and the National Vitamin Foundation. -- None of the current grants or of the applications are for the project proposed to the Tobacco Industry Research Committee.

Additional information will be forwarded upon request. Project site visitation or interview would be welcome.

Signature O. J. Pollak

Director of Project - O. J. POLLAK, M.D., Ph.D.

Thomas J. Deacon

Business Officer of the Institution- Thomas Deacon

1003541734

Source: https://www.industrydocuments.ucsf.edu/docs/smvm0000

R: REDACTED MATERIAL

CURRICULA VITAE OF RESEARCH STAFF OF DOVER MEDICAL RESEARCH CENTER, INC.

A. Otakar J. Pollak, Principal investigator:
Masaryk University, School of Medicine, Brno, 1924-1930; M.D. 1-15-1930
Ph.D. 6-10-1934 (Chem.)

REDACTED

REDACTED

Hospitals: St. Anna County Hosp., Brno, 1939-38; Taunton State Hosp., Taunton, Mass., 1940-44; Wilmington Gen. Hosp., Wilmington Del., 1945-48; Quincy City Hosp., Quincy, Mass., 1948-51; Kent Gen. Hosp., Dover, Del., Milford Mem. Hosp., Milford, Del., Beebe Hosp., Lewes, Del., 1952-on; Consultant, U.S. Air Base Hosp., Dover, Del., Welfare Home & Hosp. for Aged, Smyrna, Del., Hosp. for Mentally Retarded, Stockley, Del, 1952-on or 58-on. - Pathologist.
Academic: Ass't. Prof. Path., Masaryk Univ., Brno, 1931-38; Research Assoc. Dept. Legal Med., Harvard Med. School, Boston, Mass., 1939-40; Special Lecturer, Pathology, Womans' Med. Coll., Philadelphia, Pa., 1944-48; Ass't. Prof. Pathology, Hahnemann Med. College, Philadelphia, Pa., 1954-on, Exec. Director, Dover Medical Research Center, Inc., 1959 and on.
137 publications including a book, excl. panels, etc.

B. Hassan Rouhandeh, Collaborating investigator:
Kansas State University, Manhattan, Kansas, 1951-1959; B.S. 1955.
M.S. 1957, Ph.D., 1959.

REDACTED

Graduate Research Assistant, Dept. Bacteriology, Kansas State University. Manhattan, Kansas, 1956-59; Research Associate, Dover Med. Research Center, Dover, Del., 1959-on.
4 publications.

C. Tatsuo Kokubu, Collaborating investigator:
Osaka University, Medical School, Osaka, Japan, 1945-51; M.D., 1951.
Osaka University, School of Philosophy, Osaka, Japan, 1953-58; Ph.D., 1958.
Osaka University Hospital, Osaka, Japan; interne 1951, resident, 1952-1958; Assistant in Internal Medicine (Prof. I. Donomae), 1958-59; Research Assoc., Dover Medical Research Center, Dover, Del., 1960-on.
13 publications

D. Araceli Magda Fortea DeEngel, Collaborating investigator:
University of Litoral, Rosario, 1943-47; B.S. in Pharmacognosy, 1947; 1947-49, B.S. in Biochemistry, 1949; 1950-54, Ph.D., in Pharmacology and Biochemistry, 1954.
Associacion Bioquimica Argentina, 1947, Associacion Quimica Argentina, 1947, Sociedad Biophysica Argentina, 1947.
Ass't. Prof. of Applied Physics, 1944-45, of Pharmacognosy, 1947-49, of Biochemistry, 1949-50, University of Litoral, Faculty of Medical Science, Rosario; Technical Ass't. Bromatological Institute, Province of Santa Fe, 1949-56; Technical Director, Laboratory Marxer, Buenos Aires, 1957-59; Research Associate, Dover Medicall Research Center, Inc., 1959 and on.
7 publications and translation of book.

100354735

E. Donald L. Howie, M.D.
Washington University School of Medicine, 1942-46; M.D., June 1946.

REDACTED

Colorado State Hosp., Pueblo, Col., 1950-51; Kern Gen. Hosp., Bakersfield, Calif., 1951-52 & 1954-56; Navy, 1952-54; Fairfield State Hosp., Newtown, Conn., 1956-59, Dir. of Labs., Milford Mem. Hosp., Milford, Del. Beebe Hosp., Lewes, Del., Kent Gen. Hosp., Dover, Del., Oct. 1959-on, Assoc. Pathologist 2 publications

Source: https://www.industrydocuments.ucsf.edu/docs/smvm0000